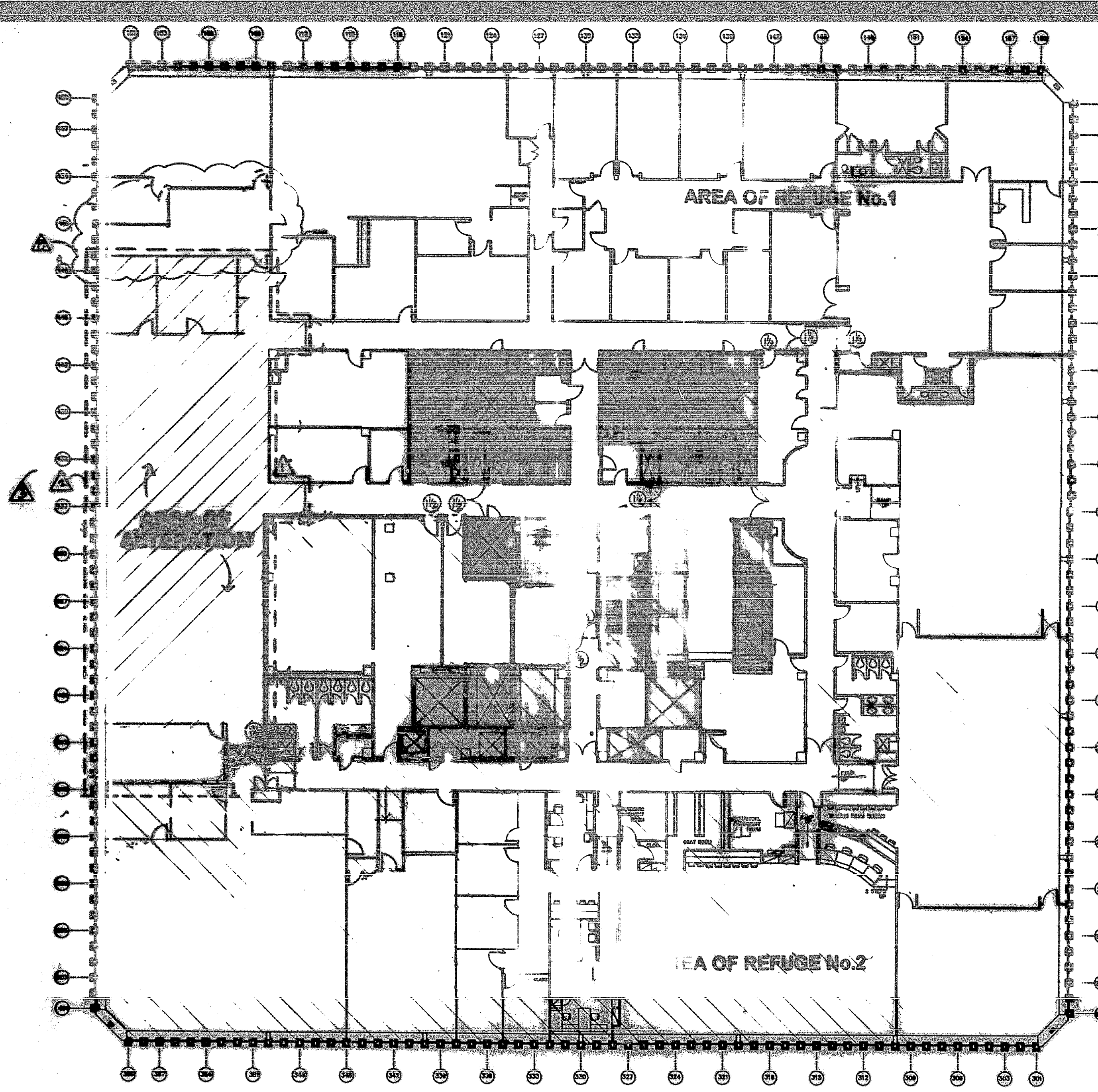


T.H.A. 941103  
CANTOR FITZGERALD  
A-105  
415-451  
3/20/95  
A13



1 EGRESS ANALYSIS PLAN  
Scale: 1/16" = 1'-0"  
AREA OF REFUGE #1  
AREA OF REFUGE #2  
AREA OF ALTERATION

**FLOOR TENANT NOTE**

1. Occupancy Classification:  
Occupancy Group "B"  
Useable Square Footage:  
42,455 Square Feet  
Number of People on Floor:  
540 People
2. This floor is single tenant occupancy by Cantor Fitzgerald Securities Corp.
3. This floor is fully sprinkled.
4. This proposed alteration does not affect the existing degree of compliance with Local Law 573 in this building.

**CALCULATIONS FOR THE MAXIMUM ALLOWABLE OCCUPANCY OF THE 10TH FLOOR TENANT ALTERATION APPLICATION NO. 3990C**

1. Allowable capacity of exit doors to fire stairs:  
Each 22" unit of width = 60 Occupants  
Each 12" additional unit of width = 40 Occupants  
(NYC Building Code C-26-601.3 & Table 6-1)

Stair No. 1 & 2  
Door @ 3'-0" = 36"  
22" = 60  
12" = 40  
34" = 120 Occupants Allowable  
Each Stair

Stair No. 3  
Door @ 3'-9" = 45"  
22" = 60  
12" = 40  
44" = 160 Occupants Allowable

2. Allowable capacity of exit stairs:  
Each unit of width = 60 Occupants  
Each 12" additional unit of width = 30 Occupants  
(NYC Building Code C-26-601.3 & Table 6-1)

Stair No. 1 & 2  
22" = 60  
22" = 60  
44" = 120 Occupants Allowable  
Each Stair

Stair No. 3  
22" = 60  
22" = 60  
56" = 120 Occupants Allowable

3. Floor capacity determined by existing plumbing fixtures (NYC Building Code Table RS 16-5 minimum number of plumbing fixtures required).

The maximum allowable occupancy of this floor is 755 occupants determined by the 19 existing lavatories. 755 occupants allowable based on plumbing fixtures.

4. Capacity of Exit:  
(NYC Building Code C-26-603.3)  
Reduction in requirement for vehicle exit: per paragraph C-26-603.3, when floor area has access to one (1) area of refuge complying with the requirements of Section C-26-604.5, capacity of vehicle exit required may be reduced to fifty (50) percent of the occupant load.

Vehicle Exit Capacity:  
Stair No. 1 = 40 Persons  
Stair No. 2 = 40 Persons  
Stair No. 3 = 120 Persons  
Total = 200 Persons  
Maximum Allowable Occupant Load = 500 ± 2 = 498 Persons

5. Verification of allowable number of occupants in area of refuge:  
(NYC Building Code C-26-604.5 requires 3 square feet per person)

755 Occupants @ 3 Sq. Ft. = 2,265 Square Feet  
Area of Refuge No. 1 = 16,200 Square Feet  
Area of Refuge No. 2 = 22,050 Square Feet

6. Based on above calculations the maximum allowable occupancy of the 10th floor, as approved on Tenant Alteration No. 3990C:  
Approval Date April 7, 1988  
Actual Number of Occupants  
After This Alteration = 549 Actual Occupants

499 Allowable Occupants  
549 Actual Occupants

**CANTOR FITZGERALD**  
NEW YORK, NEW YORK  
FLOOR 10

**WDC DESIGN GROUP**  
ARCHITECTS  
105 WEST AVENUE  
NEW YORK, NEW YORK 10017  
212 682-2111

**NYC AGANOVICH / HTX INTERIORS INC.**  
GENERAL CONTRACTOR  
CERTIFIED AS-BUILT

No.	Revision Date	Issued Record
1	2.8.94 - REVISED PER PORT AUTHORITY OF NY & NJ COMMENTS	O M S C M
2	2.15.94 - REVISED PER CLIENT REQUEST	
3	3.15.94 - REVISED PER PORT AUTHORITY OF NY & NJ COMMENTS AND TENANT REQUIRED REVISIONS	
4	PORT AUTHORITY OF NY & NJ COMMENTS	
5	3/22/95 - REVISED AS PER PORT AUTHORITY OF NY & NJ COMMENTS	

**EGRESS DIAGRAM AND NOTES**

**WDC-941103-TAA-FRINT**

Scale	Drawn By
N.T.S.	AJ

Project No.	Date
8498-W	3/16/95

Dwg. No.
A-03

REGISTERED ARCHITECT  
STATE OF NEW YORK